SEQUENCE LISTING

<110> FULLER, JAMES

<120> NUCLEIC ACID CONSTRUCTS

<130> 036481-0177

<140> 10/575,087
<141> 2006-04-10

<150> PCT/GB2004/004279
<151> 2004-10-11

<150> 60/509,936
<151> 2003-10-10

<160> 54

<170> PatentIn version 3.3

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actcaccgtc c 131

<210> 3
<211> 135
<212> DNA
<213> Rattus rattus

<400> 3
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c 121

<210> 6
<211> 57
<212> DNA
<213> Herpes simplex virus

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<210> 7
<211> 48
<212> DNA
<213> Hepatitis B virus

<400> 7
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<210> 8
<211> 533
<212> DNA
<213> Hepatitis B virus

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<211> 158
<212> DNA
<213> Simian cytomegalovirus

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<210> 10
<211> 131
<212> DNA
<213> Oryctolagus cuniculus

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<210> 11
<211> 204
<212> DNA
<213> Simian cytomegalovirus

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<210> 12
<211> 163
<212> DNA
<213> Herpes simplex virus 2

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<210> 13
<211> 191
<212> DNA
<213> Human papillomavirus type 16

<400> 13
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<213> Artificial sequence

<220>
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<223> Rat Ins IntA

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<223> Tn903, pUC4K Remnants

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<223> PolyA_Site_1

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<223> CMV Pro

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<222> (2012)..(2544)
<223> HBVenh

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<222> (1864)..(1984)
<223> 5'-UTR of HBV pre-S2

<220>
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<222> (1719)..(1724)
<223> Bam/Bgl fusion

<220>
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<222> (1985)..(1987)
<223> ATG-Nhe

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<222> (1988)..(2011)
<223> CDS insertion site

<220>
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<222> (2545)..(2555)
<223> unknown

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<223> CMV Exon 1/2

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<222> (2693)..(3759)
<223> pUC19

<220>
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<222> (45)..(860)
<223> KanR (Tn903) complement

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Ala Gly Asn Gly Ala Leu Glu Arg Gly Phe Pro Val Pro Arg Val Thr
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His Arg


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<210> 15
<211> 42
<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 15
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<210> 16
<211> 21
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<220>
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<400> 16
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<210> 17
<211> 23
<212> DNA
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<223> Description of Artificial Sequence: Synthetic primer

<400> 17
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<210> 18
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<212> DNA
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<210> 19
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<223> Description of Artificial Sequence: Synthetic primer

<400> 19
ggaggatcct gacctggaag atagtcacc 29

<210> 20
<211> 26
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 20
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<210> 21
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<223> Description of Artificial Sequence: Synthetic primer

<400> 21
ggagctagcg ggcgtttgac ctccggcgtc ggg 33

<210> 22
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<212> DNA
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<223> Description of Artificial Sequence: Synthetic primer

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<210> 23
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 23
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<210> 24
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<212> DNA
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<223> Description of Artificial Sequence: Synthetic primer

<400> 24
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<210> 25
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 25
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<210> 26
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<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

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ggagtataca tttaaagggc cctaacaaaa caaaaagatg ggg 43

<210> 27
<211> 31
<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 27
ggagctagct cgtttacttt gaccaagaac g 31

<210> 28
<211> 36
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 28
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<210> 29
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 29
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<210> 30
<211> 26
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 30
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<210> 31
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<220>
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<400> 31
gaaagatctc agcaagcagg 20

<210> 32
<211> 47
<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 32
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<210> 33
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 33
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<400> 34
gatctgggcc cg 12

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<210> 36
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<220>
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<210> 37
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<220>
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<400> 37
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<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 38
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<220>
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ggaactagta agatgtccag actc 24

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ggaagctagc ggcgagtgtc ccgag 25

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agcgaaagca gcgcc 75

<210> 43
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 43
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<220>
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<210> 45
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 46
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 47
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<210> 48
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<220>
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<210> 49
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<400> 49
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<210> 50
<211> 32
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<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 50
gcaggatcca gtagacctgg agagaggaca ag 32

<210> 51
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 51
ggaagatcta caaggtgagc tgctgtggc 29

<210> 52
<211> 490
<212> DNA
<213> Pseudo rabies virus

<400> 52
tggccgcaga gcgggccggg catgcaaatc agaggcgcgc gggagacgcc tccgcgcgcc 60
cattggcccg ggcgagccga gatggccgcc gcgggggccg gacatgcaaa gtagacgcga 120
gaggaagtag ggagagaaat cccattggcc gtcgaggggc caagatggcg ccctcggggc 180
cggacatgca aagtagacgc gagaggaagt gggcgagaga aatcccattg gccgtcgatg 240
gggcaagatg gccgccgcgg gggccgggca tgcaaatggt cctcgcgagg aagttcctcg 300
cgaaatccca ttggccggcg gccgccatct tgggccgggc atgcaaagca gacggcagag 360
gaagcgggcg agaaaaatcc cattggccgg ccgtcgggga agtccgcggc gaaaatcggc 420
cattggtccg cttacctggg ggcgggctct cctcggggcg cttataagcg cggtctccat 480
cgtagcactt 490

<210> 53
<211> 495
<212> DNA
<213> Rous sarcoma virus

<400> 53
ctgctccctg cttgtgtgtt ggaggtcgct gagtagtgcg cgagcaaaat ttaagctaca 60
acaaggcaag gcttgaccga caattgcatg aagaatctgc ttagggttag gcgttttgcg 120
ctgcttcgcg atgtacgggc cagatatacg cgtatctgag gggactaggg tgtgtttagg 180
cgaaaagcgg ggcttcggtt gtacgcggtt aggagttccc tcaggatata gtagtttcgc 240
ttttgcatag ggagggggaa atgtagtctt atgcaataca cttgtagtct tgcaacatgg 300
taacgatgag ttagcaacat gccttacaag gagagaaaaa gcaccgtgca tgccgattgg 360
tggaagtaag gtggtacgat cgtgccttat taggaaggca acagacaggt ctgacatgga 420
ttggacgaac cactgaattc cgcattgcag agataattgt atttaagtgc ctagctcgat 480
acaataaacg ccatt 495

<210> 54
<211> 43
<212> PRT
<213> Artificial sequence

<220>
<223> Description of Artificial Sequence: Synthetic
pJV peptide

<400> 54
Val Arg Ser Pro Gly Asp Ala Ile His Ala Val Leu Thr Ser Ile Glu
1 5 10 15

Asp Thr Gly Thr Asp Pro Ala Ser Ala Ala Gly Asn Gly Ala Leu Glu
20 25 30

Arg Gly Phe Pro Val Pro Arg Val Thr His Arg
35 40